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**polyEthylene@ continuous polymerisation for extrusion blowing for casings
- using Ziegler catalyst and metallocene-aluminoxane silane catalyst
system, for wider distribution of mol.wt. and lower melt flow index**

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Number of Countries: 015 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 720989	A1	19960710	EP 95402974	A	19951229	199632 B
FR 2728906	A1	19960705	FR 9415929	A	19941230	199634
JP 8231625	A	19960910	JP 95340658	A	19951227	199646
EP 720989	B1	19990901	EP 95402974	A	19951229	199940
DE 69511838	E	19991007	DE 611838	A	19951229	199947
			EP 95402974	A	19951229	
ES 2137472	T3	19991216	EP 95402974	A	19951229	200006

Priority Applications (No Type Date): FR 9415929 A 19941230

Cited Patents: 00 28395800; 00 43632800; 4659685

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 720989	A1	F	10	C08F-010/00	
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Designated States (Regional): AT BE DE DK ES GB GR IE IT NL PT SE

ES 2137472	T3			C08F-010/00	Based on patent EP 720989
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FR 2728906	A1		16	C08F-010/02	
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EP 720989	B1	F		C08F-010/00	
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DE 69511838	E			C08F-010/00	Based on patent EP 720989
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Abstract (Basic): EP 720989 A

Continuous homopolymerisation of ethylene or copolymerisation with an alpha -olefin, at 160-300 deg. and 400-3000 bars, in a reactor comprising a zone in which the residence time of the catalysts is 1-150 seconds., involves the simultaneous but separate introduction of:

(a) a Ziegler catalyst system; and

(b) a catalytic system of metallocene/alumoxane.

USE - Suitable for extrusion-blowing to form casings.

ADVANTAGE - The (co)polymer has a wider distribution of mol.wt., and also a lower melt flow index (1-4 g/10 minutes).

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Derwent Class: A17; E11; E12

International Patent Class (Main): C08F-004/642; C08F-010/00; C08F-010/02

International Patent Class (Additional): C08F-002/00; C08F-002/38;

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